

APPENDIX D

Caltrans Signal Warrants

California Department of Transportation

Signal Warrant

1. **Warrant Number:** _____

2. **Location:** _____

3. **Signal Type:** _____

4. **Warrant Type:** _____

5. **Justification:** _____

6. **Duration:** _____

7. **Signature:** _____

8. **Date:** _____

9. **Comments:** _____

10. **Remarks:** _____

11. **Signature:** _____

12. **Signature:** _____

13. **Signature:** _____

14. **Signature:** _____

15. **Signature:** _____

16. **Signature:** _____

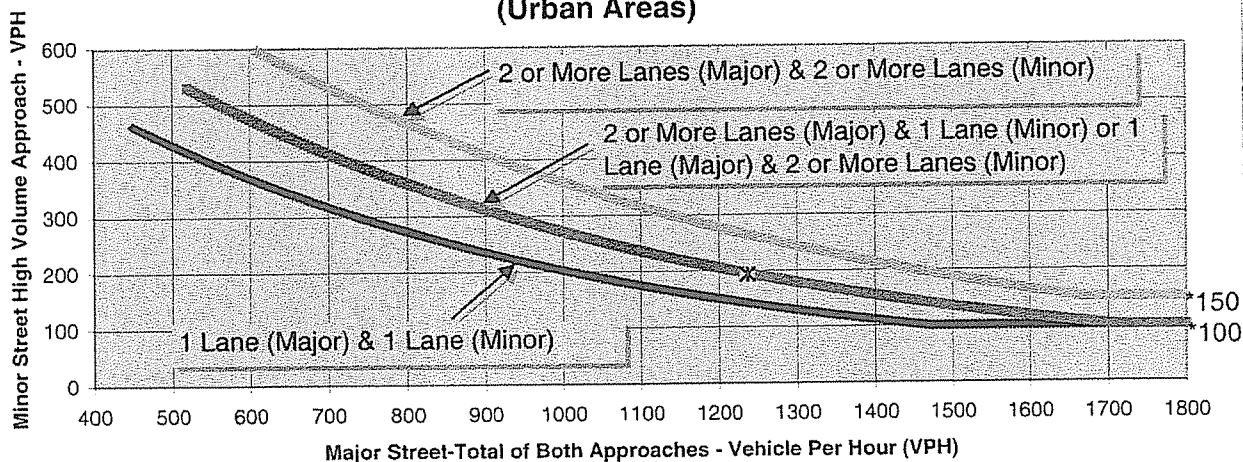
17. **Signature:** _____

18. **Signature:** _____

19. **Signature:** _____

20. **Signature:** _____

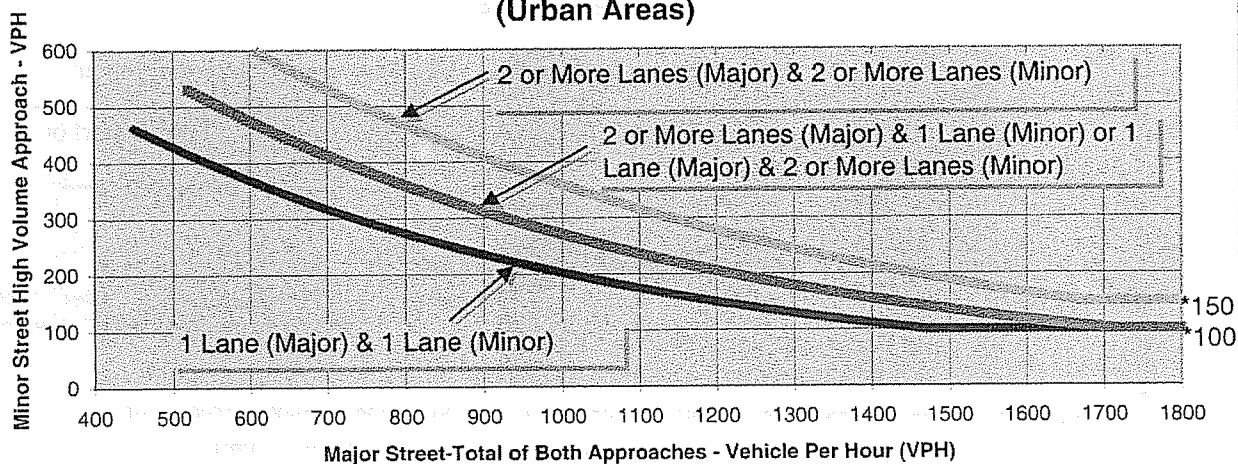
Figure 9-8
PEAK HOUR VOLUME WARRANT
(Urban Areas)



*Note: 150 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.
Source: Traffic Manual, Caltrans 1996.

Name of Street		Major Street	Minor Street	<u>Warrant Met</u>
		Cochrane	De Paul	
Number of Lanes	Two or More Lane (Y/N)	y	y	<u>NO</u>
	One Lane (Y/N)	n	n	
Traffic Volume (VPH) *		1236	193	
*Note: Traffic Volume for Major Street is Total Volume of Both Approches. Traffic Volume for Minor Street is the Volume of High Volume Approach.				

Figure 9-8
PEAK HOUR VOLUME WARRANT
(Urban Areas)

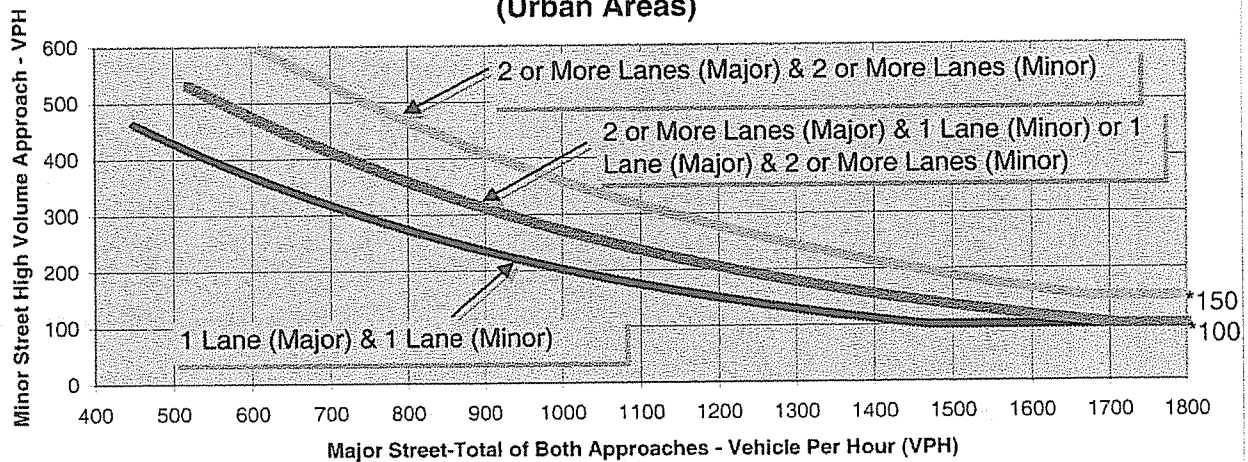


*Note: 150 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.

Source: Traffic Manual, Caltrans 1996.

Name of Street		Major Street	Minor Street	<u>Warrant Met</u>
		Cochrane	De Paul	
Number of Lanes	Two or More Lane (Y/N)	y	y	<u>YES</u>
	One Lane (Y/N)	n	n	
Traffic Volume (VPH) *		2157	718	
*Note: Traffic Volume for Major Street is Total Volume of Both Approches. Traffic Volume for Minor Street is the Volume of High Volume Approach.				

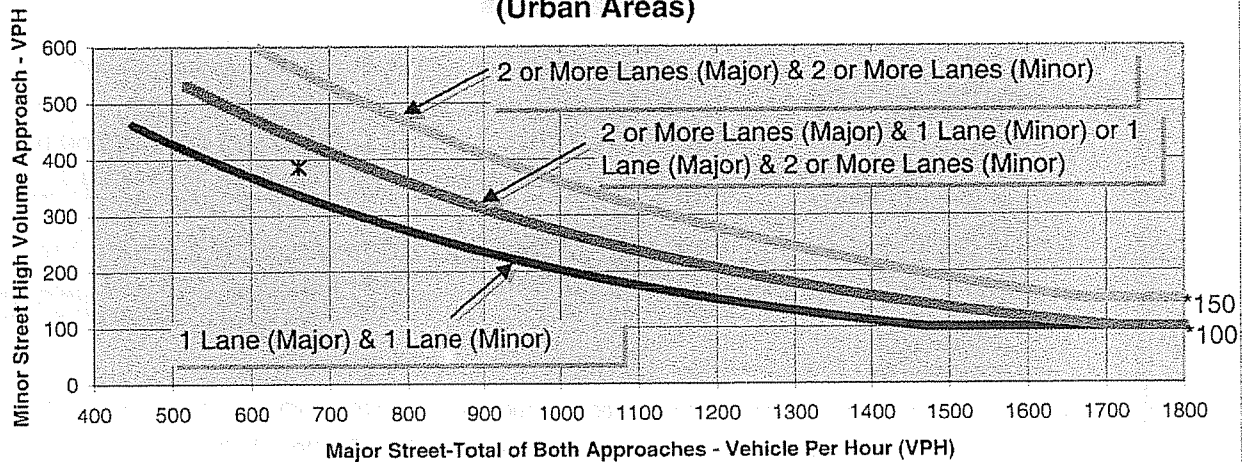
Figure 9-8
PEAK HOUR VOLUME WARRANT
(Urban Areas)



*Note: 150 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.
Source: Traffic Manual, Caltrans 1996.

Name of Street		Major Street	Minor Street	<u>Warrant Met</u>
		Cochrane	De Paul	
Number of Lanes	Two or More Lane (Y/N)	y	y	<u>YES</u>
	One Lane (Y/N)	n	n	
Traffic Volume (VPH) *		2616	844	
*Note: Traffic Volume for Major Street is Total Volume of Both Approches. Traffic Volume for Minor Street is the Volume of High Volume Approach.				

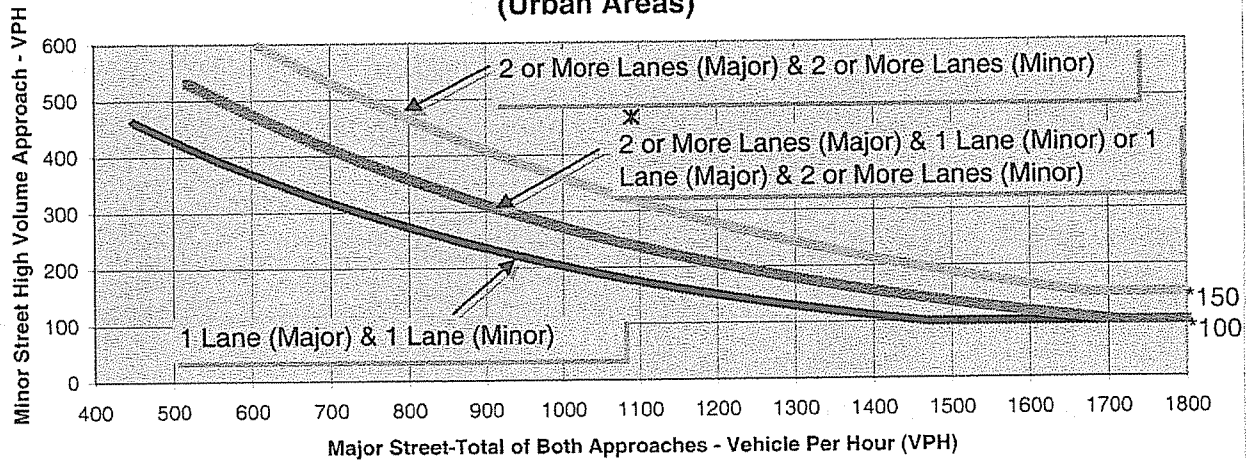
Figure 9-8
PEAK HOUR VOLUME WARRANT
(Urban Areas)



*Note: 150 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.
Source: Traffic Manual, Caltrans 1996.

Name of Street		Major Street	Minor Street	<u>Warrant Met</u>
		Cochrane	Mission View	
Number of Lanes	Two or More Lane (Y/N)	y	y	<u>NO</u>
	One Lane (Y/N)	n	n	
Traffic Volume (VPH) *		661	386	
*Note: Traffic Volume for Major Street is Total Volume of Both Approaches. Traffic Volume for Minor Street is the Volume of High Volume Approach.				

**Figure 9-8
PEAK HOUR VOLUME WARRANT
(Urban Areas)**



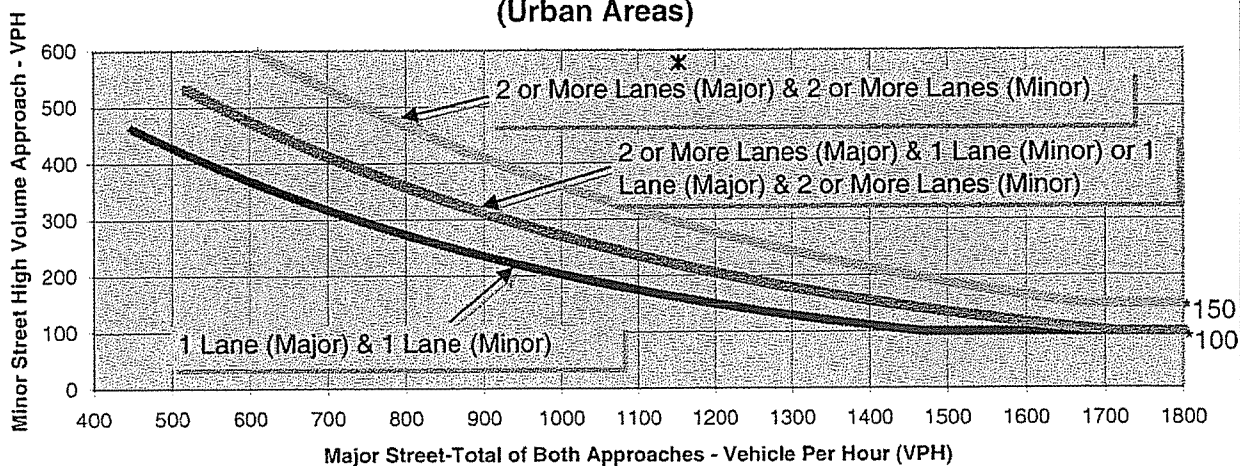
*Note: 150 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.

Source: Traffic Manual, Caltrans 1996.

Name of Street		Major Street	Minor Street	Warrant Met
Number of Lanes	Two or More Lane (Y/N)	Cochrane	Mission View	
	One Lane (Y/N)	y	y	YES
	Traffic Volume (VPH) *	n	n	
Traffic Volume (VPH) *		1090	466	

*Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

**Figure 9-8
PEAK HOUR VOLUME WARRANT
(Urban Areas)**



*Note: 150 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACH WITH TWO OR MORE LANES AND 100 VPH APPLIES AS THE LOWER THRESHOLD VOLUME FOR A MINOR STREET APPROACHING WITH ONE LANE.

Source: Traffic Manual, Caltrans 1996.

Name of Street		Major Street	Minor Street	<u>Warrant Met</u>
		Cochrane	Mission View	
Number of Lanes	Two or More Lane (Y/N)	y	y	<u>YES</u>
	One Lane (Y/N)	n	n	
Traffic Volume (VPH) *		1153	577	
*Note: Traffic Volume for Major Street is Total Volume of Both Approches. Traffic Volume for Minor Street is the Volume of High Volume Approach.				

